

Liyong Wang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

226
citations

933447

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all docs

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docs citations

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347
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#	ARTICLE	IF	CITATIONS
1	Synthesis and enhanced luminescence of uniform and well-dispersed quasispherical $\text{YVO}_4\text{:Ln}^{3+}$ ($\text{Ln} = \text{Eu}, \text{Dy}$) nanoparticles by a solvothermal method. <i>CrystEngComm</i> , 2012, 14, 573-578.	2.6	42
2	A homogeneous fluorescence sensing platform with water-soluble carbon nanoparticles for detection of microRNA and nuclease activity. <i>Analyst</i> , 2012, 137, 3667.	3.5	31
3	Online Wear Particle Detection Sensors for Wear Monitoring of Mechanical Equipment—A Review. <i>IEEE Sensors Journal</i> , 2022, 22, 2930-2947.	4.7	26
4	Dual-functional fluorescent sensors based on $\text{CaMoO}_4\text{:Eu}^{3+}$ for detection of Iron(Fe^{2+}) and dichromate ions in aqueous. <i>Optical Materials</i> , 2019, 96, 109342.	3.6	17
5	Advanced Driver-Assistance System (ADAS) for Intelligent Transportation Based on the Recognition of Traffic Cones. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-8.	0.7	15
6	Near-Infrared Fluorescence Probe for Monitoring the Metabolic Products of Vitamin C in HepG2 Cells under Normoxia and Hypoxia. <i>Analytical Chemistry</i> , 2015, 87, 7092-7097.	6.5	13
7	Lanthanide ions-doped calcium molybdate pie-like microstructures: Synthesis, structure characterization, and luminescent properties. <i>Journal of Alloys and Compounds</i> , 2017, 695, 3018-3023.	5.5	12
8	Facile Preparation, Characterization and Photocatalytic Properties of Multifunctional BiFeO_3 Nanocrystals. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 5207-5209.	0.9	11
9	Functional applications and luminescence properties of emission tunable phosphors $\text{CaMoO}_4\text{:SiO}_2\text{:Ln}^{3+}$ ($\text{Ln}=\text{Eu}, \text{Tb}, \text{Dy}$). <i>Journal of Alloys and Compounds</i> , 2021, 857, 157515.	5.5	11
10	Synthesis of hollow spindle-like $\text{CaMoO}_4\text{:Ln}^{3+}$ (Tb, Eu) phosphors for detection of iron(Fe^{2+}) ions. <i>Optik</i> , 2019, 185, 957-964.	2.9	10
11	Numerical analysis of dynamic characteristics of wet friction temperature fields. <i>Advances in Mechanical Engineering</i> , 2017, 9, 168781401774525.	1.6	9
12	Multicolor barium molybdate phosphors doped with Re^{3+} ($\text{Re} = \text{Eu}, \text{Sm}, \text{Tb}, \text{Dy}$) via solid-state method: Synthesis and characterizations. <i>Modern Physics Letters B</i> , 2018, 32, 1850270.	1.9	8
13	Preparation of Lanthanide Ions-Doped BiPO_4 Nanoparticles and Fe^{3+} Ions Assay. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 4000-4005.	0.9	7
14	Flower-like $\text{CaMoO}_4\text{:Eu}^{3+}/\text{AgBr}$ composites for nitroaromatic compounds sensing and its catalytic activity. <i>Microchemical Journal</i> , 2021, 162, 105871.	4.5	4
15	Review on online inductive wear debris monitoring technology. <i>Journal of Engineering</i> , 2019, 2019, 8518-8521.	1.1	3
16	Hydrothermal synthesis of spindle-like $\text{SrMoO}_4\text{:Ln}^{3+}$ ($\text{Ln} = \text{Eu}$ and Tb) microarchitectures for selectively detecting Fe^{3+} ions. <i>Bulletin of Materials Science</i> , 2019, 42, 1.	1.7	2
17	Hydrothermal method for $\text{Y}_2\text{O}_3\text{:Eu}^{3+}$ uniform nanophosphors with different templates. <i>Modern Physics Letters B</i> , 2019, 33, 1950227.	1.9	2
18	Hydrothermal synthesis for the enhanced red and green $\text{Sr}_3\text{Y}(\text{PO}_4)_3\text{:Eu}^{3+}, \text{Tb}^{3+}$ phosphors. <i>Modern Physics Letters B</i> , 2019, 33, 1950048.	1.9	1

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19	HYDROTHERMAL SYNTHESIS OF RED PHOSPHOR $\text{La}_2(\text{MoO}_4)_3$ DOPED WITH Eu^{3+} AND ITS APPLICATION FOR FERRIC IONS ASSAY. Surface Review and Letters, 2019, 26, 1950046.	1.1	1
20	Research on the excitation method of symmetrical spiral online detecting sensor of metal debris. Journal of Engineering, 2019, 2019, 8760-8764.	1.1	1
21	Dynamic testing and analysis of turbine generator shafting. Journal of Engineering, 2019, 2019, 8619-8623.	1.1	0
22	Synthesis, Luminescence Properties and applications of $\text{SrMoO}_4: \text{Eu}^{3+}$ Phosphors Functionalized with Poly (acrylic acid). Surface Review and Letters, 0, , .	1.1	0